

Percentiles of chemical analyses of soil samples collected from a depth of 0 to 5 centimeters, conterminous United States, N = 4,841 (Smith et al., 2013; USGS)

Element	Units	Number of samples below		25 th	50 th	75 th	95 th	Max.
		LLD	Min.	%-ile	%-ile	%-ile	%-ile	
Al	wt. %	0	0.02	3.20	4.67	6.00	7.98	15.3
As	mg/kg	56	<0.6	3.1	5.2	7.6	13.1	830
Ba	mg/kg	0	5	329	510	683	956	4,770
Be	mg/kg	97	<0.1	0.9	1.3	1.7	2.5	17.3
Bi	mg/kg	121	<0.04	0.11	0.16	0.23	0.38	694
Cd	mg/kg	1,054	<0.1	0.1	0.2	0.3	0.7	76.8
Co	mg/kg	24	<0.1	4.4	7.7	11.1	21.2	216
Cr	mg/kg	6	<1	18	30	41	73	4,120
Cu	mg/kg	2	<0.5	8.8	14.4	20.9	43.3	996
Fe	wt. %	8	<0.01	1.28	1.95	2.66	4.56	13.3
Hg	mg/kg	367	<0.01	0.01	0.02	0.04	0.1	56.4
Li	mg/kg	18	<1	13	20	27	43	300
Mn	mg/kg	16	<5	290	492	791	1,520	7,780
Mo	mg/kg	11	<0.05	0.51	0.78	1.14	2.27	75.7
Ni	mg/kg	23	<0.5	7.8	13.5	19.8	38.5	1,890
Pb	mg/kg	2	<0.5	13.5	18.1	23.9	44.5	12,400
Sb	mg/kg	34	<0.05	0.37	0.57	0.80	1.49	482
Se	mg/kg	2,154	<0.2	<0.2	0.2	0.4	0.8	6.9
Sn	mg/kg	9	<0.1	0.9	1.3	1.8	3.1	88.9
Th	mg/kg	6	<0.2	5.2	7.6	9.9	14.7	78.3
Tl	mg/kg	276	<0.1	0.3	0.4	0.5	0.8	8.8
U	mg/kg	6	<0.1	1.4	2.0	2.6	3.9	102
V	mg/kg	12	<1	33	53	74	136	530
W	mg/kg	72	<0.1	0.5	0.8	1.1	2.1	1,150
Zn	mg/kg	5	<1	36	58	80	125	11,70

[LLD, lower limit of determination; **Min**, minimum; **Max**, maximum; **wt. %**, weight percent; **mg/kg**, milligrams per kilogram; <, less than]